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2368/24

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: William S. Somers, Jin Tang, Raymond  
Caraphausen, and Jasbir Seehra

Serial No.: 09/859,722

Filed: May 17, 2001

For: CRYSTAL STRUCTURES OF P-SELECTIN, P- AND  
E-SELECTIN COMPLEXES, AND USES THEREOF

Art Unit: 1645

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**INFORMATION DISCLOSURE STATEMENT**

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Sir:

Pursuant to 37 C.F.R. §§§ 1.56, 1.97, and 1.98, applicants enclose herewith forms PTO/SB/08A and /08B, containing references which may be deemed relevant to the above-identified application, along with copies of each of the documents cited therein. Documents 1-9 in forms PTO/SB/08A and /08B were cited by the International Searching Authority in a related PCT application (application no. PCT/US01/16108). Applicants also enclose, for the Examiner's convenience, copies of forms PCT/ISA/210 and /220 from the related PCT application. The Examiner is respectfully requested fully to consider all of the enclosed items, and independently to assess their teachings.

It is believed that no fee is necessary in connection with the filing of this Information Disclosure Statement because it is being filed before the mailing date of a final action or a Notice of Allowance, and the references were cited in a communication from a foreign patent office, in a counterpart foreign application, not more than three months prior to the filing of this Information Disclosure Statement.

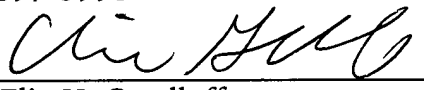
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Page 2

However, if the Examiner deems that a fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 01-1785.

Respectfully submitted,

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Dated: December 10, 2001  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

### Compleat if Known

Application Number	09/859,722
Filing Date	May 17, 2001
First Named Inventor	William S. Somers
Group Art Unit	1645
Examiner Name	TBA
Attorney Docket Number	2368/24

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	4	Graves et al., Insight into E-selectin/ligand interaction from the crystal structure and mutagenesis of the lec/EGF domains. Nature, 367:532-36, February 10, 1994.
	5	Hiramatsu et al., Studies on selectin blocker. 3. Investigation of the carbohydrate ligand sialyl Lewis X recognition site of P-selectin. J. Med. Chem., 39(23):4547-53, 1996.
	6	Ng and Weis, Structure of a selectin-like mutant of mannose-binding protein complexed with sialylated and sulfated Lewisx oligosaccharides. Biochemistry, 36(5):979-88, February 4, 1997.
	7	Revelle et al., Single amino acid residues in the E- and P-selectin epidermal growth factor domains can determine carbohydrate binding specificity. The Journal of Biological Chemistry, 271(27):16,160-170, July 1996.
	8	Somers et al., Insights into the molecular basis of leukocyte tethering and rolling revealed by structures of P- and E-selectin bound to SLex and PSGL-1. Cell, 103:467-79, October 27, 2000.
	9	Thakker et al., Design and synthesis of novel selectin inhibitors. Book of Abstracts, 218th ACS National Meeting, New Orleans, August 22-26, 1999 (Abstract).

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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